



**Part Number :** [5006381707](#)  
**Product Description :** MicroClasp Terminal Position Assurance (TPA) Retainer, 2.00mm Pitch, Gray, 17 Circuits  
**Series Number :** 500638  
**Status :** Active  
**Product Category :** Connector Accessories

Documents and Resources

Drawings

[5006381707\\_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[561340000-AS-000.pdf](#)

[5006389200-200.pdf](#)

[PS-51353-003-001.pdf](#)

[PS-51353-010-001.pdf](#)

[PS-51353-012-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                      |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                          |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

|                |                                                                                        |
|----------------|----------------------------------------------------------------------------------------|
| Status         | Active                                                                                 |
| Category       | Connector Accessories                                                                  |
| Series         | 500638                                                                                 |
| Description    | MicroClasp Terminal Position Assurance (TPA) Retainer, 2.00mm Pitch, Gray, 17 Circuits |
| Component Type | Terminal Position Assurance (TPA)                                                      |
| Product Name   | MicroClasp                                                                             |
| UPC            | 800756821498                                                                           |

### Physical

|                    |            |
|--------------------|------------|
| Circuits (Loaded)  | 17         |
| Circuits (maximum) | 17         |
| Color - Resin      | Gray       |
| Gender             | N/A        |
| Material - Resin   | Polyester  |
| Net Weight         | 312.400/mg |
| Number of Rows     | 1          |
| Packaging Type     | Bag        |

|                               |                |
|-------------------------------|----------------|
| Polarized to Mating Part      | Yes            |
| Temperature Range - Operating | -40° to +105°C |

## Mates With / Use With

### Use with Part(s)

| Description                               | Part Number  |
|-------------------------------------------|--------------|
| MicroClasp Dual Row Receptacle Housings   | <u>51353</u> |
| MicroClasp Single Row Receptacle Housings | <u>51382</u> |

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This document was generated on May 04, 2026